

Title (en)  
PRINTING DRUM MOUNTING SYSTEM

Title (de)  
MONTAGESYSTEM FÜR EINE DRUCKTROMMEL

Title (fr)  
SYSTÈME DE MONTAGE DE TAMBOUR D'IMPRESSION

Publication  
**EP 4073593 A4 20230906 (EN)**

Application  
**EP 19955531 A 20191213**

Priority  
US 2019066189 W 20191213

Abstract (en)  
[origin: WO202118590A1] A printing drum mounting system and method of assembling the mounting system. The mounting system comprising a rotatable shaft; a first mount and a second mount arrangeable on the shaft to clamp a printing drum therebetween, wherein the first mount comprises a first engaging surface to form a mating contact with a corresponding first end surface of the printing drum and the second mount comprises a second engaging surface to form a mating contact with a corresponding end surface of the printing drum; a double-walled flexure to flexibly mount the first engaging surface and the shaft, the flexure to provide the first engaging surface with a single degree of freedom of axial movement relative to the shaft and to maintain mating contact between the first engaging surface and the first end surface of the printing drum as the printing drum thermally expands and contracts; and a releasable fixing to align and rigidly engage the second engaging surface relative to the shaft.

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CPC (source: EP US)  
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**G03G 21/1647** (2013.01 - EP); **G03G 21/1671** (2013.01 - EP); **G03G 21/1842** (2013.01 - EP)

Citation (search report)  
• [A] JP 2000214727 A 20000804 - RICOH KK  
• [A] DE 19922986 A1 20001207 - OCE PRINTING SYSTEMS GMBH [DE]  
• See also references of WO 202118590A1

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